

ANOVA Table for MA model

	DF	Sum of Squares	Mean Square	F-Value	P-Value
Cachexia diag.- MA-figure	11	260.240	23.658	2.850	.0020
Residual	103	826.088	8.019		

Model II estimate of between component variance: 1.794  
94 cases were omitted due to missing values.

Means Table for MA model  
Effect: Cachexia diag.- MA-figure

	Count	Mean	Std. Dev.	Std. Err.
AIDS	8	5.217	4.801	1.600
cachectic CHF	16	4.870	3.518	.650
Cancer	2	8.368	3.056	3.873
chronic renal failure	2	3.886	4.688	3.315
COPD	14	3.643	2.305	.618
healthy controls	18	1.940	.687	.172
idiopathic cachexia	2	3.836	3.203	2.265
infection	8	8.437	8.868	2.844
Livercirrh + Cachexia	8	8.098	5.693	2.324
Malnutrition	8	8.887	1.784	.728
more Controls	3	2.373	1.089	.634
no CHF	37	2.684	1.344	.221

Fisher's PLED for MA model  
Effect: Cachexia diag.- MA-figure  
Significance Level: 5 %

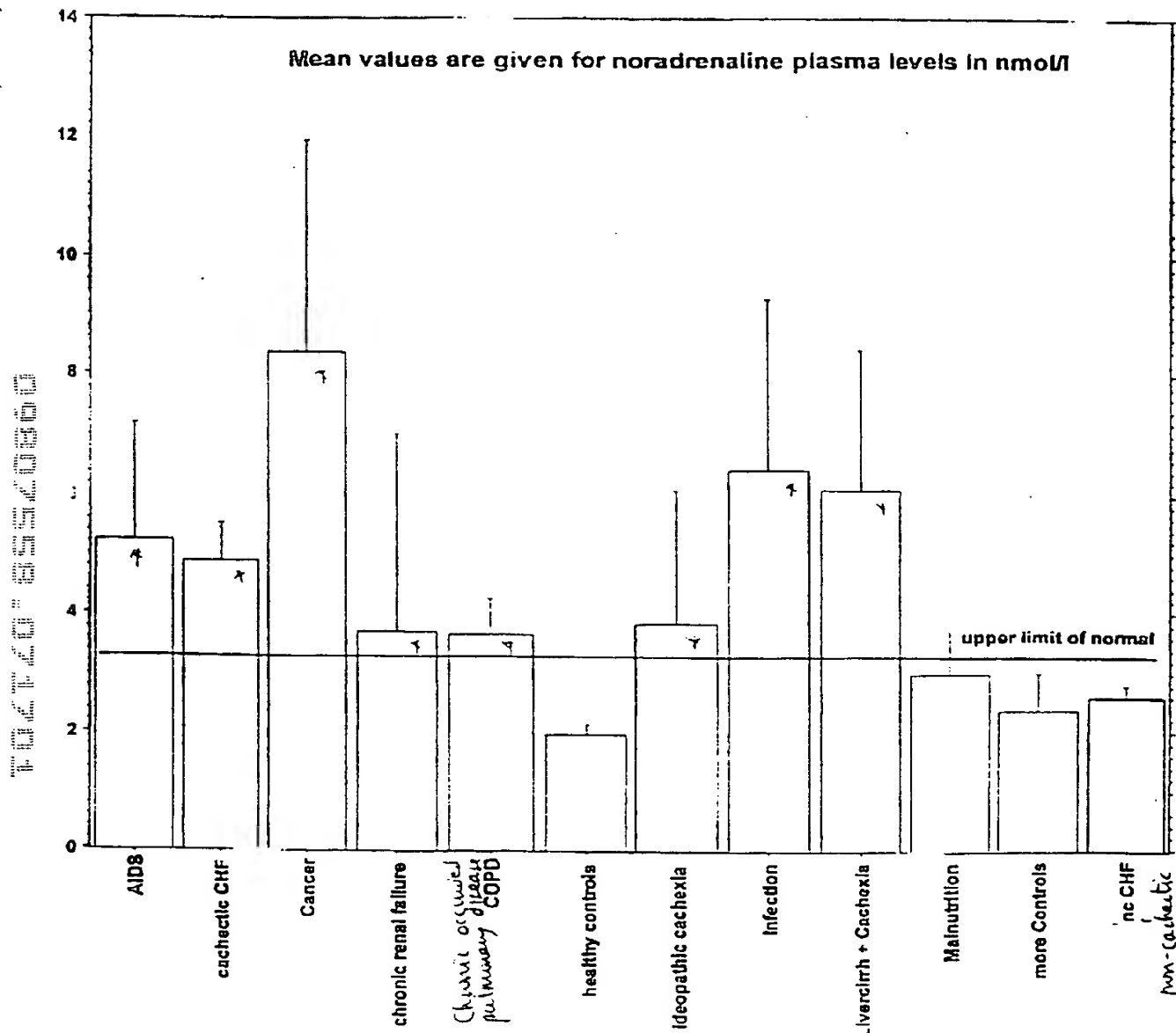
	Mean	DF	Chr.	DF	P-Value
AIDS, cachectic CHF	.347	2.718		.8094	
AIDS, Cancer	-2.148	4.588		.1783	
AIDS, chronic renal failure	1.528	4.588		.5118	
AIDS, COPD	1.874	2.748		.2578	
AIDS, healthy controls	3.277	2.688		.0174	S
AIDS, idiopathic cachexia	1.382	4.588		.5315	
AIDS, Infection	-1.220	3.243		.4572	
AIDS, Livercirrh + Cachexia	-.882	3.243		.6988	
AIDS, Malnutrition	2.230	3.243		.1788	
AIDS, more Controls	2.643	3.871		.1686	
AIDS, no CHF	2.689	2.472		.5371	S
cachectic CHF, Cancer	-3.495	4.588		.1042	
cachectic CHF, chronic renal failure	1.178	4.228		.8827	
cachectic CHF, COPD	1.227	2.987		.2483	
cachectic CHF, healthy controls	2.930	3.618		.0049	S
cachectic CHF, idiopathic cachexia	1.635	4.228		.6283	
cachectic CHF, Infection	-1.667	2.713		.2847	
cachectic CHF, Livercirrh + Cachexia	-1.229	2.713		.5713	
cachectic CHF, Malnutrition	1.883	2.713		.1716	
cachectic CHF, more Controls	2.487	3.582		.1663	
cachectic CHF, no CHF	2.284	1.719		.0989	S
Cancer, chronic renal failure	4.870	5.818		.1022	
Cancer, COPD	4.723	4.248		.0288	S
Cancer, healthy controls	6.426	4.213		.0091	S
Cancer, Infection	1.928	4.588		.4802	
Cancer, Livercirrh + Cachexia	2.287	4.588		.3272	
Cancer, Malnutrition	5.378	4.588		.0220	S
Cancer, more Controls	6.092	5.127		.0224	S
Cancer, no CHF	5.781	4.077		.0688	S
chronic renal failure, COPD	.052	4.248		.9886	
chronic renal failure, healthy controls	1.755	4.212		.1193	
chronic renal failure, idiopathic cachexia	-.140	5.818		.9887	
chronic renal failure, Infection	-2.742	4.588		.2384	
chronic renal failure, Livercirrh + Cachexia	-2.403	4.588		.3010	
chronic renal failure, Malnutrition	.708	4.588		.7800	
chronic renal failure, more Controls	1.322	5.127		.8103	
chronic renal failure, no CHF	1.111	4.077		.5900	
COPD, healthy controls	1.703	2.986		.1884	
COPD, idiopathic cachexia	-.182	4.248		.9285	
COPD, Infection	-2.794	2.748		.0456	S
COPD, Livercirrh + Cachexia	-2.488	2.748		.0784	
COPD, Malnutrition	.850	2.748		.6380	
COPD, more Controls	1.269	3.873		.4827	
COPD, no CHF	1.059	1.782		.2382	
healthy controls, idiopathic cachexia	-1.895	4.212		.3743	
healthy controls, Infection	-4.497	2.689		.0018	S
healthy controls, Livercirrh + Cachexia	-.158	2.689		.9028	S
healthy controls, Malnutrition	-1.047	2.689		.4418	
healthy controls, more Controls	-.433	2.539		.8089	
healthy controls, no CHF	-.644	1.680		.4491	
idiopathic cachexia, Infection	-2.802	4.588		.3631	
idiopathic cachexia, Livercirrh + Cachexia	-2.263	4.588		.8289	
idiopathic cachexia, Malnutrition	.848	4.588		.7144	
idiopathic cachexia, more Controls	1.488	5.127		.5730	
idiopathic cachexia, no CHF	1.251	4.077		.5441	
Infection, Livercirrh + Cachexia	.388	3.243		.8284	
Infection, Malnutrition	3.450	3.243		.0373	S
Infection, more Controls	4.063	3.871		.0450	S
Infection, no CHF	3.853	2.472		.0026	S
Livercirrh + Cachexia, Malnutrition	3.112	3.243		.0588	
Livercirrh + Cachexia, more Controls	3.725	3.871		.0837	
Livercirrh + Cachexia, no CHF	3.518	2.472		.0088	S
Malnutrition, more Controls	.613	3.871		.7800	
Malnutrition, no CHF	.403	2.472		.7472	
more Controls, no CHF	-.210	3.371		.9017	

Figure 1

In individual data or  
summarised in Figure 2

Interaction Bar Plot for NA nmol/l  
Effect: Cachexia diag. - NA figure  
Error Bars:  $\pm 1$  Standard Error(s)

Figure 2



Chronic wasting disorders show increased activity of SNS as evidenced by increased plasma noradrenaline levels

\* All of these cachectic disorders have higher mean plasma noradrenaline levels which are higher than normal

Figure 3

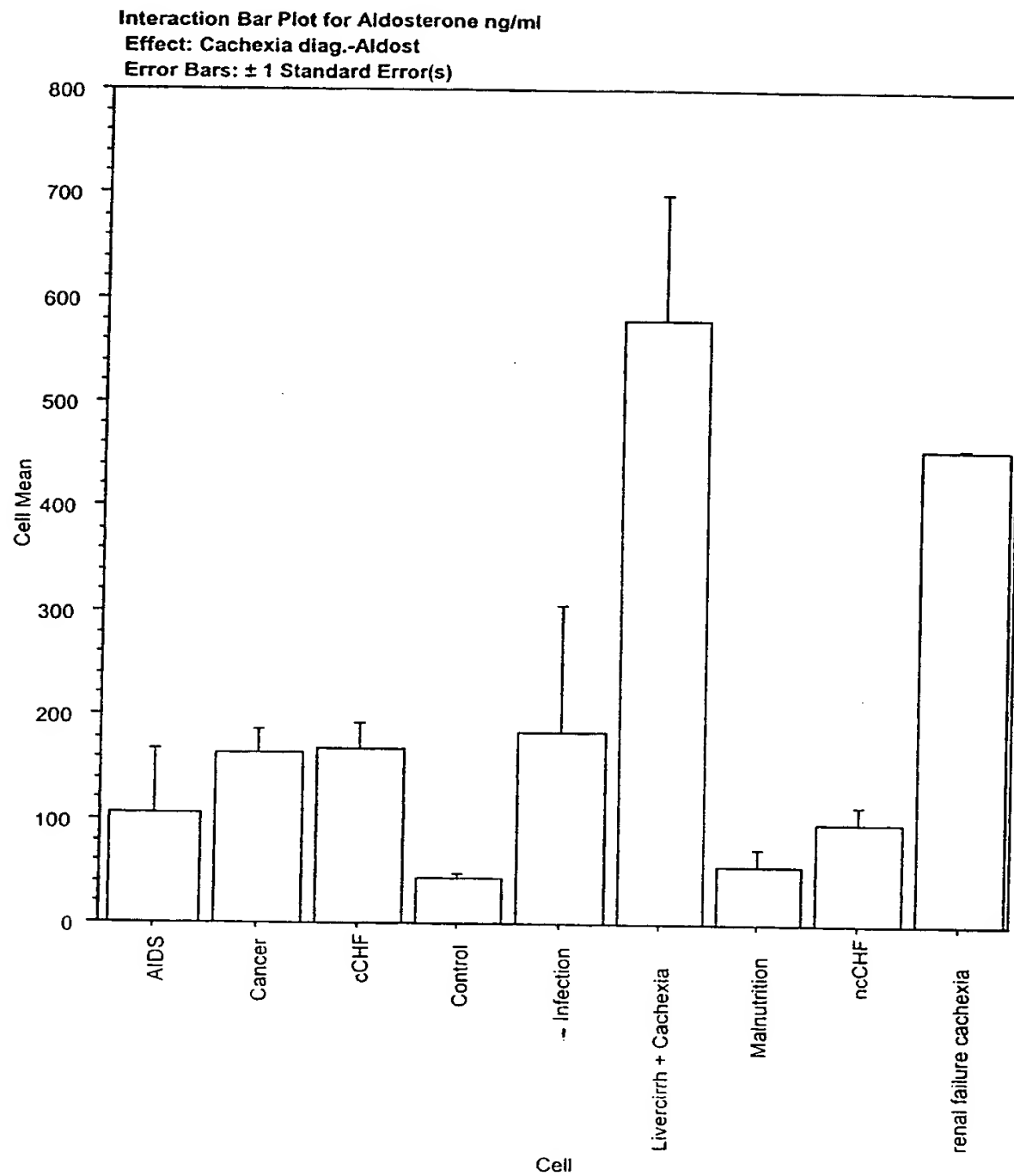
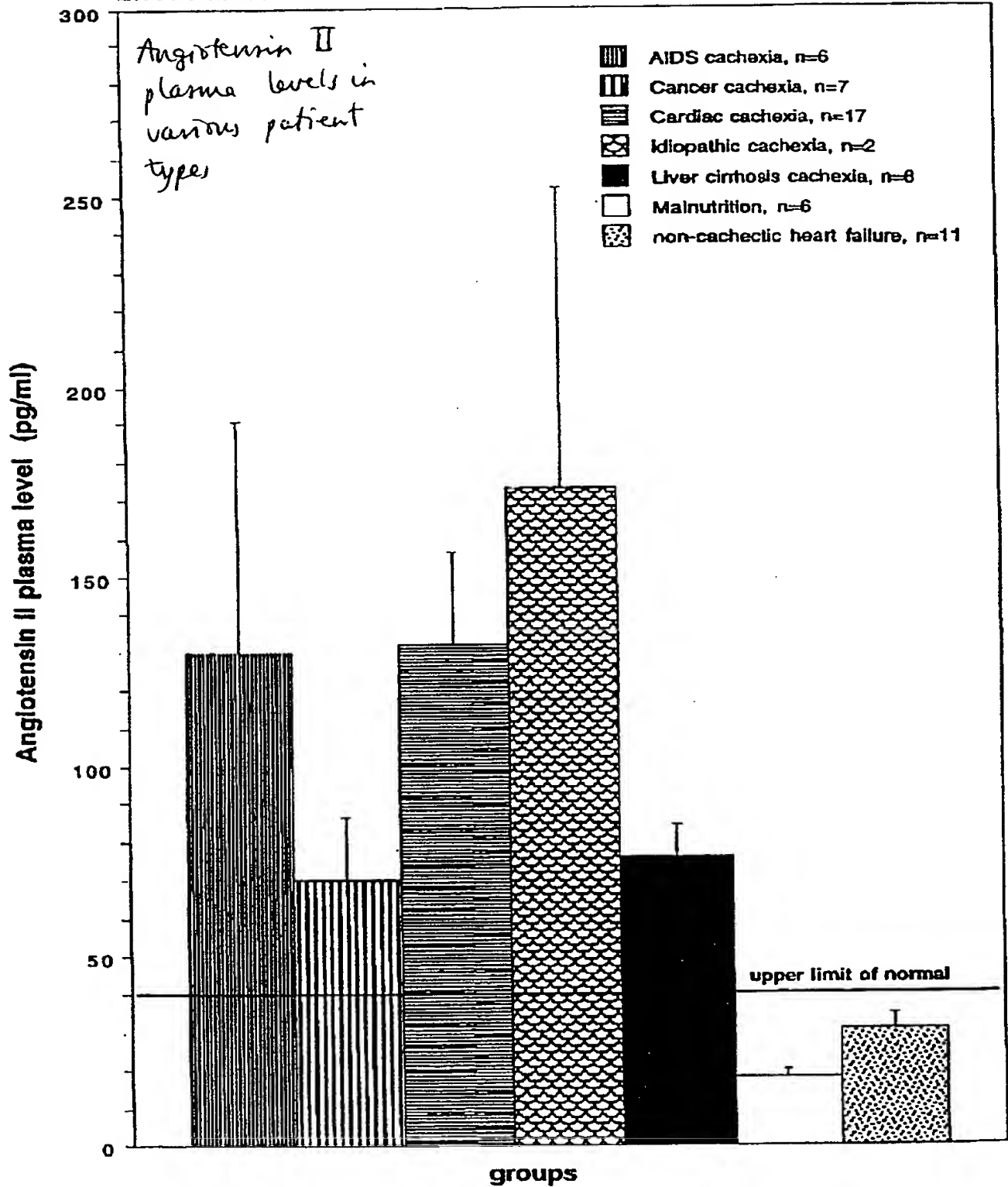


Figure 4

Cell Bar Chart  
Split By: diagnosis  
Error Bars:  $\pm 1$  Standard Error



Patients with wasting disease have increased angiotensin II plasma levels

09/807558

Cumulative Risk of Cachexia -- 5.0

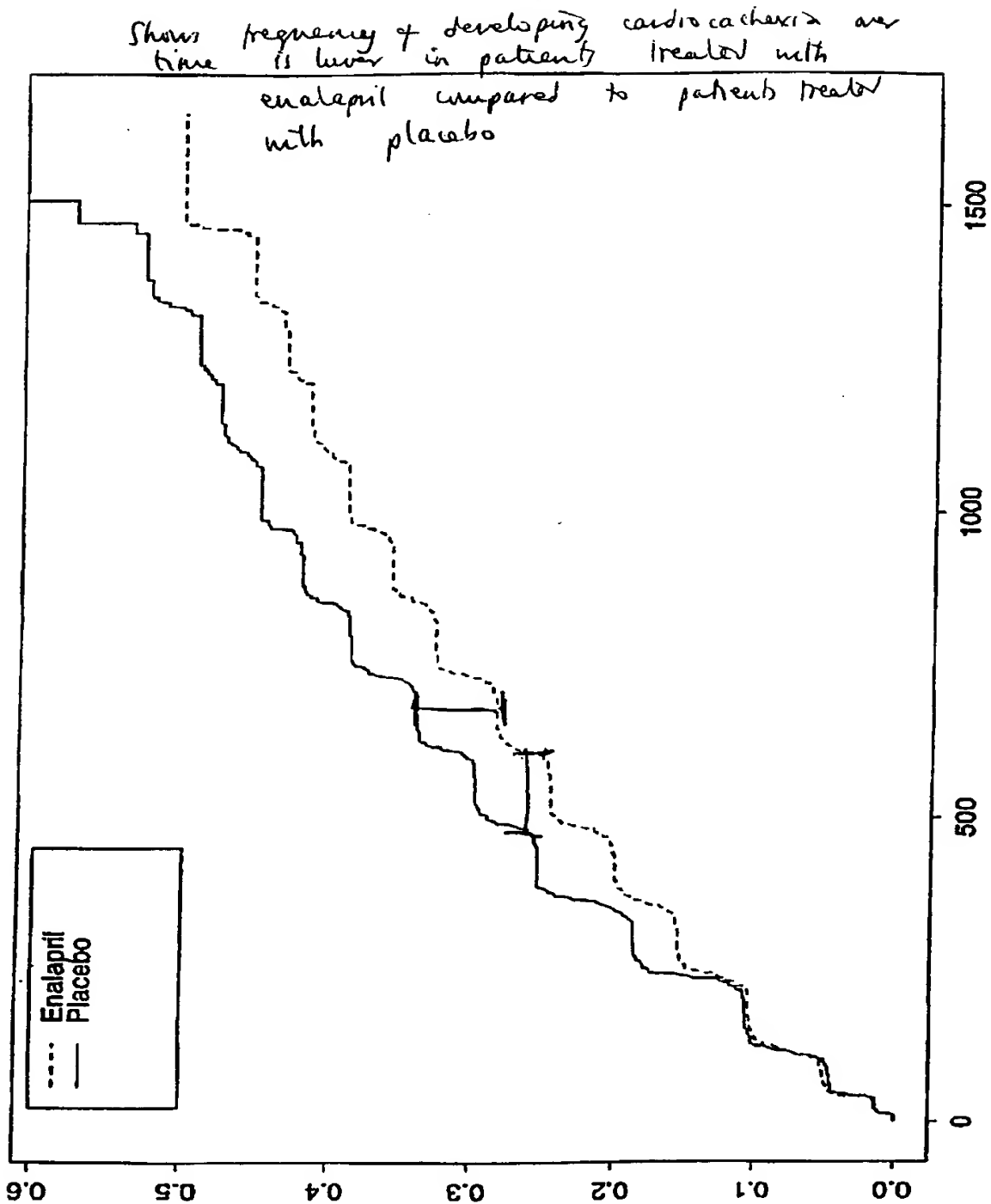


Figure 5  
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